# Progress

on the State Highway System

An Annual Report to the Legislature FY 2001-2002





#### Arizona Department of Transportation

#### Office of the Director

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Debra Brisk Deputy Director

November 26, 2002

In accordance with a legislative mandate, ARS, Section 28—363, attached please find the FY 2001 to FY 2002 Arizona Department of Transportation's (ADOT) *Progress on the State Highway System* annual report. This report documents the state's expenditures for design, right of way purchase and construction of projects on the state highway system or toutes included in the regional transportation plan within Maricopa County. These expenditures were funded from the Highway User Revenue Fund (HURF), bond proceeds, the Maricopa County half cent transportation excise (sales) tax, private and local contributions and Federal funding.

We are proud to say that our state's transportation system experienced over \$1 billion dollars worth of work last FY. The report summarizes in detail how this \$1 billion dollar expenditure was distributed within each county in the state. Last fiscal year's \$1 billion dollar budget contributed to some very significant projects for our state. Rural corridors were improved. US 93 bad over \$40 million dollars worth of work completed on its corridor between Wickenburg and Interstate 40. The regional freeway system in Phoenix received a major economic stimulus when the Loop 101 was connected from the north to the eastern valley of the metropolitan Phoenix area.

Please feel free to contact me if you have any questions or comments relating to this report. I look forward to working with you to continue to improve our transportation system in Arizona.

Victor M. Mendez



## **Progress on the State Highway System**

An Annual Report to the Legislature FY 2001-2002

Jane Dee Hull *Governor* 

Victor M. Mendez *ADOT Director* 

#### **Transportation Board**

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Prepared by the **Arizona Department of Transportation Transportation Planning Division** 

December 1, 2002

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#### Introduction

#### **Legislative Mandate**

Arizona Revised Statutes, Section 28-363 requires of the Arizona Department of Transportation (ADOT) Director, on or before December 1<sup>st</sup>, to present "an annual report to the Speaker of the House of Representatives and the President of the Senate documenting the expenditures of moneys under Chapter 9 of this title, during the previous fiscal year relating to the design, right-of-way purchase or construction of controlled-access highways which are accepted in the State Highway System as state routes or state highways or related grade separations of controlled-access highways which are included in the regional transportation plans of the counties."

## FY 2001-2002 State Highway Expenditures

The following table presents the construction expenditures for Fiscal 2001-2002. Funds expended include outlays from Highway User Revenue Fund (HURF) monies, bond proceeds, the Maricopa County half-cent transportation excise (sales) tax, private contributions, and federal aid.

The half-cent sales tax from Maricopa County funds the Regional Area Road Funding (RARF) and is shown separately from Maricopa County's total expenditures. RARF is raised through the county's authority to enact transportation excise taxes through voter approval. RARF road projects will become part of the State Highway System. In this fiscal year, RARF expenditures totaled to \$313.7 million. This total made up a share of Maricopa County's total expenditures of \$519.4 million.

The map on Page 4 shows the FY 2001-2002 expenditures for construction projects on the State Highway System in all fifteen counties of Arizona.

## FY 2001-2002 State Highway Project Expenditures

(Dollars in Millions)

	FY 2001-2002 Construction Costs	
County	\$	%
Apache	24.3	2.4
Cochise	17.4	1.7
Coconino	36.2	3.6
Gila	51.8	5.1
Graham	13.8	1.4
Greenlee	13.2	1.3
La Paz	21.9	2.2
Maricopa*	205.7	20.4
RARF**	313.7	31.2
Mohave	95.8	9.5
Navajo	35.9	3.6
Pima	54.7	5.4
Pinal	13.7	1.4
Santa Cruz	10.0	1.0
Yavapai	61.3	6.1
Yuma	23.8	2.4
Statewide***	13.1	1.3
Total (1)	1,006.3	100.0

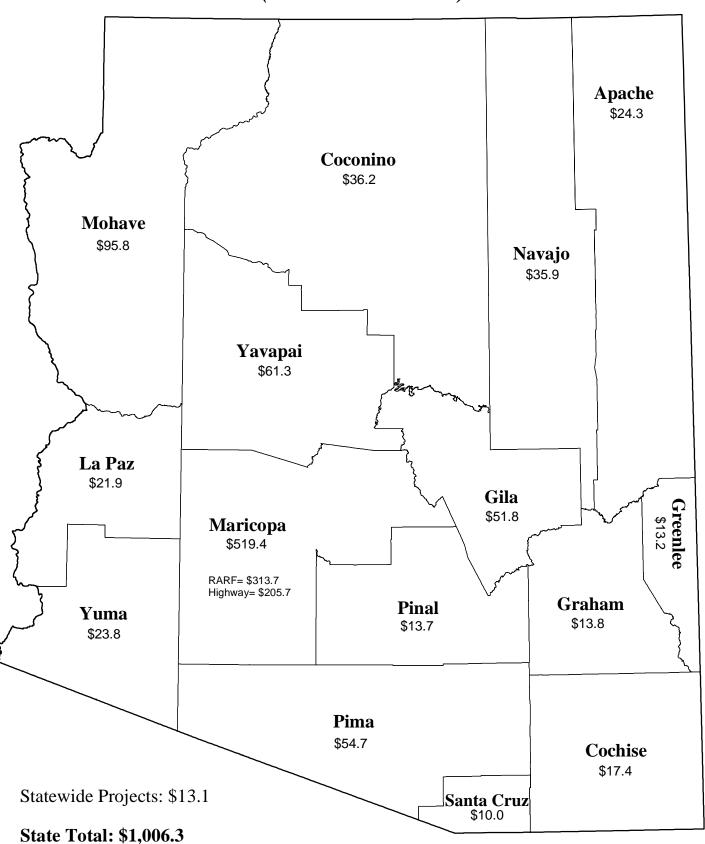
<sup>\* -</sup> Does not include RARF expenditures. Total with RARF: \$519.4 (51.6% of Total State)

<sup>\*\* -</sup> RARF as a separate category was incorporated initially in the FY 1999 report.

<sup>\*\*\* -</sup> Projects that are in multiple counties.
(1) - Does not include in-house expenditures totaling \$11,041,675

## FY 2001-2002 State Highway Expenditures

(Dollars in Millions)



## FY 2001-2002 Expenditures by Targeted Areas

In accordance with Section 28-363, Arizona Revised Statutes, this table shows highway expenditures for Fiscal Year 2001-2002. Actual outlays for the year are presented in a matrix showing expenditures for design, right-of-way, studies, construction, and utilities by the targeted areas of highway development, which are Maricopa County, Pima County, and the thirteen other counties of Arizona. A total of \$1 billion was expended on the State Highway System.

# FY 2001-2002 State Highway Expenditures by Targeted Area\* (Dollars in Millions)

	DESIGN	RIGHT OF WAY	STUDIES	CONSTRUCTION	UTILITIES	TOTAL
Maricopa	34.3	87.2	2.3	393.5	2.1	519.4**
County						
Pima	4.8	3.9	1.1	44.8	0.1	54.7
County						
13 Other	33.9	14.9	5.4	362.8	2.1	419.1
Counties						
Statewide	7.1	1.2	.6	4.2	0.0***	13.1
TOTAL	\$80.1	\$107.2	\$9.4	\$805.3	\$4.3	\$1,006.3

<sup>\* -</sup> Federal Highway Planning and Research, Rail, Aviation, Transit, and other special expenditures are not included. Some utility projects are included in construction expenditures. Construction expenditures do not include in-house costs associated with construction projects.

<sup>\*\* -</sup> Includes RARF.

<sup>\*\*\* -</sup> Actual expenditures totaled: \$6,739

#### Conclusion

Substantial transportation improvements were ongoing or completed on the State Highway System during the Fiscal Year 2001-2002. The Arizona Department of Transportation will continue its aggressive highway construction program in the future, subject to available funding. There are significant needs throughout the state and ADOT carefully analyzes the necessity of each project. Construction and improvement of transportation facilities will continue in both urban and rural areas, ensuring that mobility will be enhanced and economic vitality will accrue to all areas of Arizona.

#### Major Construction Activities

- Construction on Loop 202 (Red Mountain Freeway), Gilbert Rd Higley Rd is on going.
- Construction on Loop 202 (Red Mountain Freeway), Country Club Rd Gilbert Rd was completed.
- Construction on Loop 101 (Pima Freeway), Scottsdale Rd and Pima Rd was completed.
- Construction on I-10, Loop 202 Interchange, Picos Connection Chandler Blvd is ongoing. Construction on SR 89A (Prescott – Flagstaff Highway), Dry Creek – Sedona was completed.
- Construction on SR 89A (Prescott Flagstaff Highway), Cornville Rd Dry Creek was completed.
- Construction in I-40 (Flagstaff Holbrook Highway), Walnut Canyon Bridge was completed.
- Construction on I-40, I-17 Phase 2, Flagstaff in Coconino County was completed.
- Construction on Pima Freeway (101L), (Pima Rd Shea Blvd) was completed.
- Construction on Phoenix Wickenburg Highway (US 60), (Deer Valley Rd Beardsley) was completed.
- Construction on Phoenix-Wickenburg Highway (US 60), (203<sup>rd</sup> Ave. (West) Deer Valley Rd), is ongoing.
- Construction on I-17, Pinnacle Peak TI, (Phoenix Cordes Jct. Hwy (I-17) was completed.
- Construction on US 60, Rural Road TI, (Phoenix Globe Hwy) is ongoing.
- Construction on US 60, McClintock Dr TI, (Phoenix Globe Hwy) is ongoing.
- Construction on US 60, Dobson Rd TI, (Phoenix Globe Hwy) is ongoing.
- Construction on US 60, Alma School Rd TI, (Phoenix-Globe Hwy) is ongoing.
- Construction on US 60, Mesa Dr TI, (Phoenix Globe Hwy) is ongoing.
- Construction on 202L, Pima Freeway, (Country Club Gilbert) was completed.
- Construction on SR 202L, Red Mountain Freeway, (Country Club Gilbert Rd., PH B, is ongoing.
- Construction on I-10/SR 202L System IT, I10 Ti, PH 2 (Includes Chandler Blvd), is ongoing.

- Construction on US 60, 27<sup>th</sup> Ave./Thomas & 91<sup>st</sup> Ave. Ramps, (Wickenburg Phoenix Hwy.) is ongoing.
- Construction on SR 202L, Santan Freeway, (Price/Santan TI) is ongoing.
- Construction on SR L202, Santan Freeway, (56<sup>th</sup> Street McClintock Dr.), is ongoing.
- Construction on 101L, Price Freeway, (Southern Avenue-Guadalupe Rd) is ongoing.
- Construction on SR51, Squaw Peak Freeway, (Bell Rd Pima 101L) is ongoing.
- Construction on I-17, Phoenix-Cordes Junction Hwy, (Peoria-Pinnacle Peak TI) is ongoing.
- Price Freeway, Price Corridor, is ongoing.
- Construction on SR 89A, Prescott-Flagstaff Highway, (Cornville Dry Creek) was completed.
- Construction on Junction US89A, SR 89 was completed.
- Construction on I-40, I-17 Phase 2, Flagstaff in Coconino County was completed.
- Construction on SR 260, Preacher Canyon Section (Payson-Show Low), is ongoing.
- Construction on SR260, Show Low McNary Eager Highway, (Pinetop Hondah) was completed.
- Construction on SR88 (Jakes Corner Tonto Creek) is ongoing.
- Construction on I-19 (Canoa Ranch Rest Area) is underway.
- Construction along frontage roads I-10 (Ruthrauff Rd Miracle Mile, EB) in Tucson was completed.
- Construction on I-19 (Valencia Rd. TI reconstruction) was completed.
- Construction on US93 (Wickenburg-Kingman Highway), the Signal Section, was completed.
- Construction on SR 95, San Luis Gadsden, is ongoing.
- Construction on SR 95, Somerton Phase I, is ongoing.
- Construction on I-10 (East Quartzsite TI) was completed.
- Construction on SR95 (Quartzsite) was completed.
- Construction on US60, Show Low Springerville Highway was completed.
- Construction on US60, Phoenix Globe Highway, (Miami City Limits-McMillen Wash) was completed.
- Construction on SR188, Claypool-Jakes Corner Hwy (Tonto Natl Monumnt-Resort Rd) is ongoing.
- Construction on US70, Globe-Lordsburg Highway, (US 70, MP 271) is ongoing.
- Construction on US60, Phoenix-Globe Highway, (US60/SR79 TI) is ongoing.
- Construction on Show Low Springerville was completed.
- Construction on SR264, Tuba City-Window Rock Hwy (Window Rock) is ongoing.
- Construction on SR264, Tuba City-Window Rock Highway, (Summit-Navajo Forest Boundry) is ongoing.
- Construction on Holbrook-Lupton Highway, (Lupton-New Mexico State Line) was completed.
- Construction on Tuba City-Four Corners Highway (Mexican Water Red Mesa) was completed.
- Construction on I-40, Flagstaff-Lupton Highway (Sun Valley NM State Line) is ongoing.
- Construction on I-40, Flagstaff-Holbrook Highway (E Holbrook TI OP EB & WB) was completed.
- Construction on I-40, Flagstaff-Holbrook Highway (Little Colorado BR EB & WB) was completed.

- Construction on US93 (Wickenburg-Kingman Highway), No Name & Placerita Section is ongoing.
- Construction on Kingman-Wickenburg Highway, Date Creek Section was completed.
- Construction on Kingman-Seligman Highway, (Kingman-Kingman Airport, Ph II & III), is underway.
- Construction on SR260, Payson-Show Low Highway, (Christopher Creek Section) is ongoing.
- Construction on Phoenix Wickenburg Highway, (Morristown-203<sup>RD</sup> Ave West) is ongoing.
- Construction on Prescott-Flagstaff Highway (Glassford Hill, Phase 1) is ongoing.
- Construction on SR87, Mesa-Payson Highway, (Slate Creek-Ord Mine) was completed.
- Construction on State Parks Roads (Alamo Lake State Park) is ongoing.
- Construction on US 191, Safford Springerville Highway (Greenlee Cnty Line to MP 141.28) is ongoing.
- Construction on SR75, Duncan-Guthrie Hwy, (Gila River Bridge #311) was completed.
- Construction on US 70, Globe-Lordsburg Hwy, (Thatcher-Safford) was completed.
- Construction on US 191, Bowie Jct Safford Hwy (Artesia to Old Country Club Rd) is ongoing.
- Construction on US70, Globe-Lordsburg Highway, (Pima-Thatcher) is ongoing.
- Construction on US70, Globe-Lordsburg Highway, (RPLC Goodwin Wash Brdg #2736) was completed.
- Construction on US191B, Pan American Avenue, Douglas (Pan American Ave, Douglas) is ongoing.
- Construction on Yuma-Parker Highway, Quartzsite, Phase II was completed.
- Construction on US95, San Luis-Yuma-Quartzsite Hwy, (MP 57, Drainage Crossing) is underway.
- Construction on I-8, Yuma-Casa Grande, (Mohawk Canal Overpass EB & WB is ongoing.
- Construction on I-8, Yuma-Casa Grande Hwy, (Asher UP, #1336) is ongoing.

## MAG Regional Freeway System

The status of the Regional Freeway System at the end of Fiscal Year 2001-2002 is shown below. The table represents the Regional Freeway System funded under Proposition 300 and the Governor's Plan of December 14, 1994.

As of May 31, 2002 the Arizona Department of Transportation has opened 91.1 miles of regional freeways throughout the Phoenix metropolitan area. The completion of Loop 101 on Pima Freeway between Scottsdale Rd. and Pima Rd. marked a major accomplishment. There are 13.5 miles of freeway currently under construction on the Red Mountain, State Route 51, Grand Avenue, and Santan corridors. The current Life Cycle Program will complete a total of 146.7 miles of freeways by the end of calendar year 2007. There remain 12.3 miles of unfunded freeway on the South Mountain Corridor (202L).

FY 2001-2002 Status & Mileage of MAG Freeway System\*

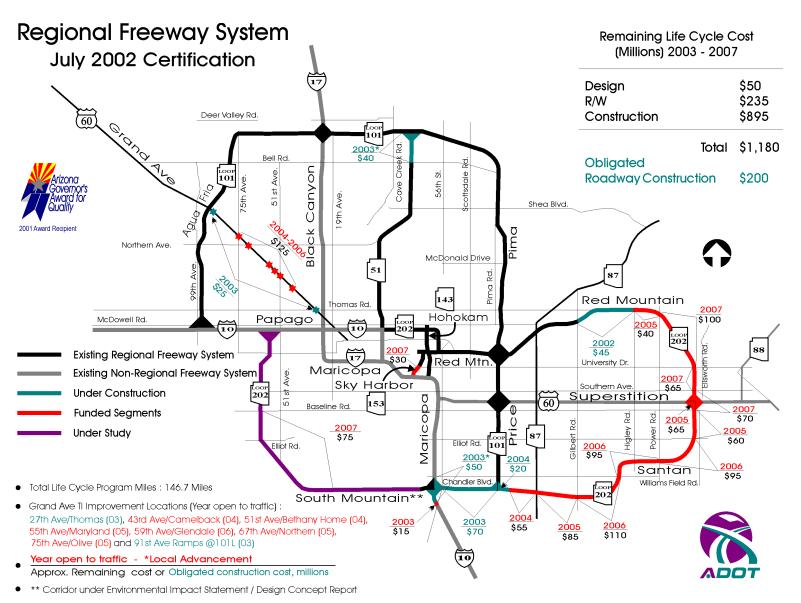
		Under	Plai	nned	
Corridor**	Opened	Construction			Total
			Funded	Unfunded	
Agua Fria	22.0	0	0	0	22.0
Grand Ave (1)	0	0.7	3.8	0	4.5
Hohokam	3.1	0	0	0	3.1
Pima	28.2	0	0	0	28.2
Price	9.4	0.5	0	0	9.9
Red Mountain	16.5	4.5	9.9	0	30.9
Santan	1.5	5.6	18.7	0	25.8
Sky Harbor	2.4	0	0.9	0	3.3
S. Mt. Connection (2)	0	0	8.8	12.3	21.1
State Route 51	8.0	2.2	0	0	10.2
Total	91.1	13.5	42.1	12.3	159.0

 $<sup>\</sup>ensuremath{^*}$  - Mileage from Concept Reports, General Plans, or Detail Design Plans.

<sup>\*\* -</sup> Status as of July 31, 2002.

<sup>(1) -</sup> Intersection improvements. The Grand Ave. mileage was defined and represents the 8 intersections added to the program.

<sup>(2) -</sup> Funded South Mountain (R/W Protection & Interim Construction).



## **COUNTY EXPENDITURE SUMMARIES**

#### **Format of the Report**

- The data in this portion of the report is organized alphabetically by county.
- Project expenditures are summed by route.
- Route totals do not include projects under \$50,000.
- Projects under \$50,000 are included in the *Miscellaneous* category.
- Expenditures on Rail, Aviation, and Transit are not included.
- Details of projects are listed in Appendix A.
- County maps indicate approximate location of projects.

## **APACHE**

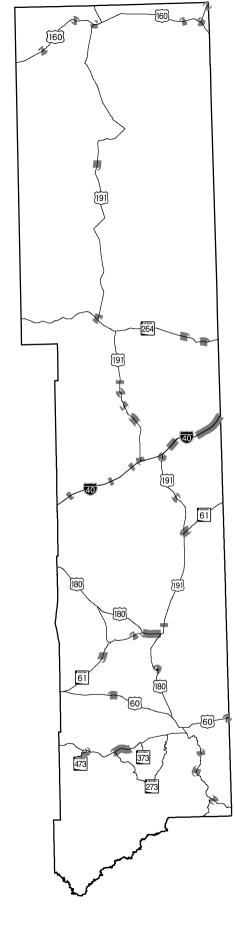
#### FY 2002-2001 Expenditure Summary

State Route	Project Costs*
I 40	\$5,469,006
US 60	\$2,129,447
SR 61	\$452,372
US 160	\$2,622,288
US 180	\$2,219,679
US 191	\$397,104
SR 260	\$1,395,586
SR 264	\$8,928,958
Miscellaneous**	\$703,388

**Grand Total:** \$24,317,828







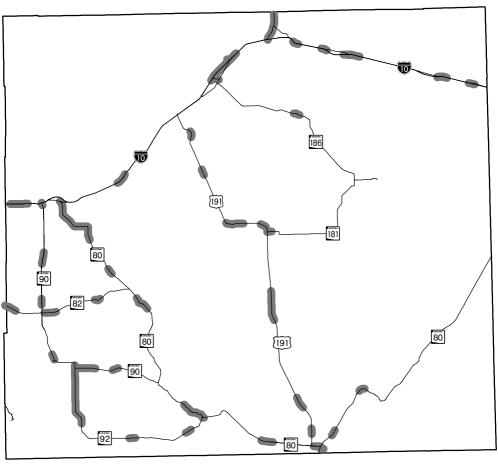
<sup>\*</sup> Does not include in-house costs totalling : \$310,617

<sup>\*\*</sup> Project with expenditures under \$50,000

## **COCHISE**

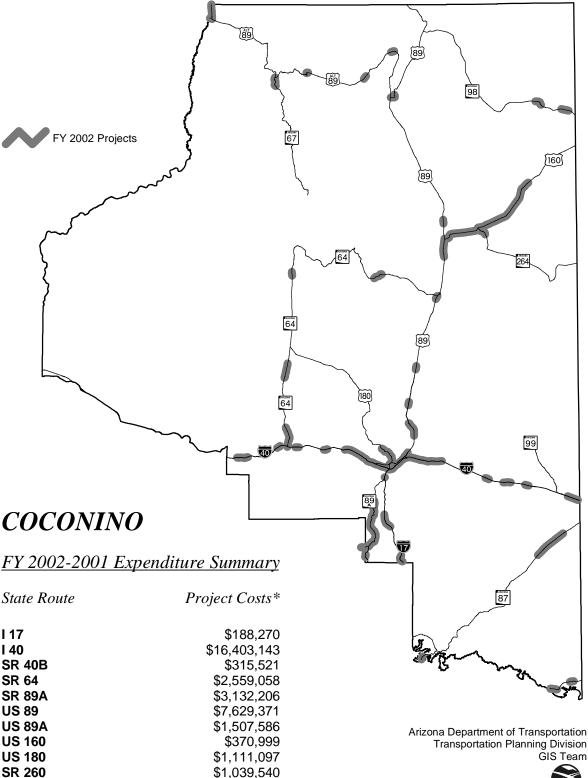
State Route	Project Costs*
I 10	\$3,970,132
SR 10B	\$1,734,723
SR 80	\$5,616,312
SR 90	\$792,714
SR 92	\$3,034,577
SR 186	\$354,666
US 191	\$288,786
Miscellaneous**	\$1,629,315
Grand Total:	\$17,421,225

<sup>\*</sup> Does not include in-house costs totaling: \$403,908 
\*\* Countywide projects and projects with expenditures under \$50,000











Miscellaneous\*\* \$1,838,995

**Grand Total:** \$36,248,845

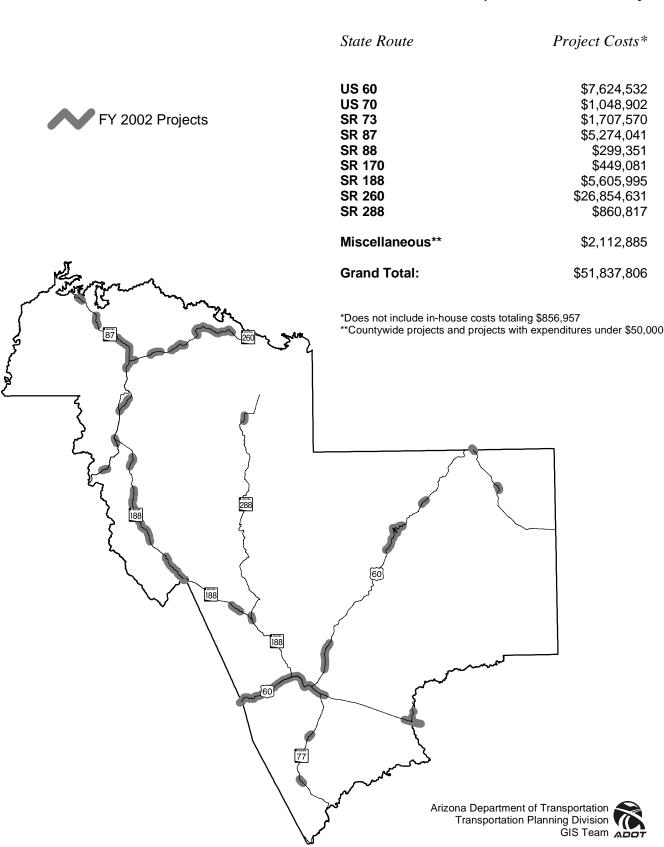
**SR 389** 

\$153,059

<sup>\*</sup> Does not include in-house costs totaling: \$574,332

<sup>\*\*</sup> Countywide projects and projects with expenditures under \$50,000

## **GILA**



## Graham

**SR 366** 

#### FY 2002-2002 Expenditure Summary

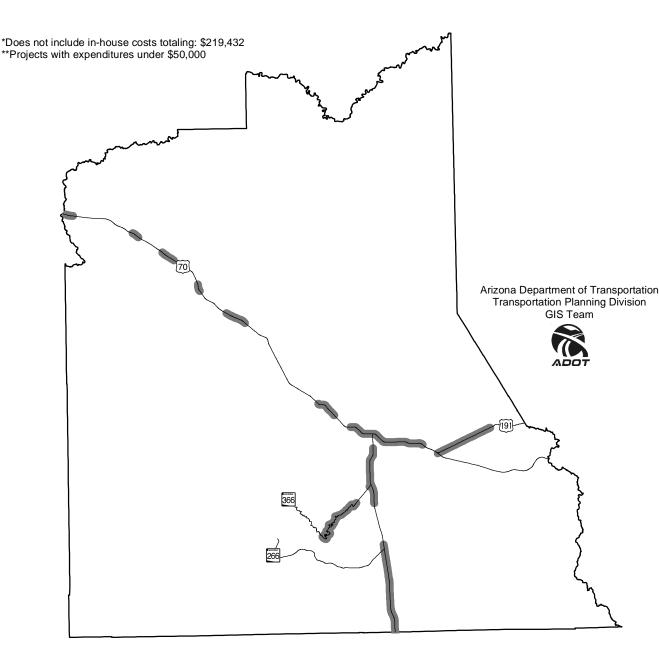
State Route	Project Costs*

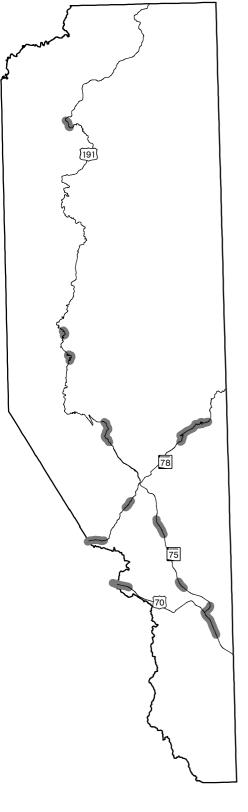
**US 70** \$11,062,382 FY 2002 Projects \$558,810

\$1,351,211

Miscellaneous\*\* \$779,119

**Grand Total:** \$13,751,522





## **GREENLEE**

#### FY 2001-2002 Expenditure Summary

State Route Project Costs\*

SR 75 \$3,932,049 SR 78 \$1,360,578 US 191 \$7,421,100

Miscellaneous\*\* \$493,445

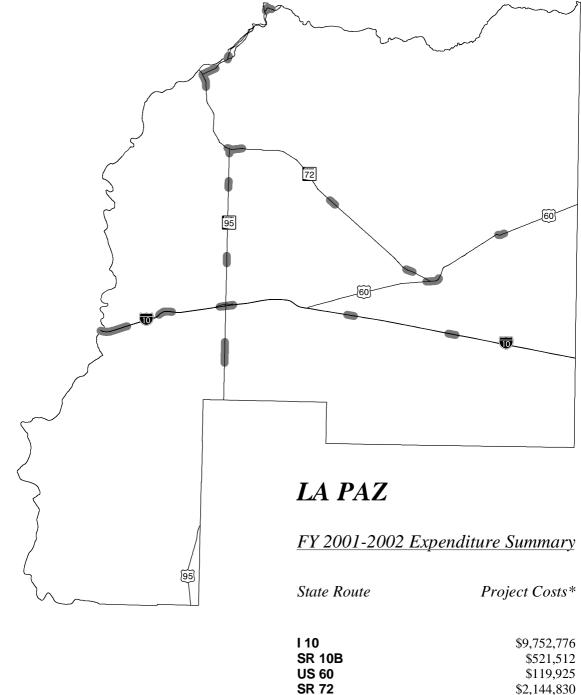
**Grand Total:** \$13,207,171





<sup>\*</sup>Does not include in-house costs totaling: \$106,398

<sup>\*\*</sup>Projects with expenditures under \$50,000

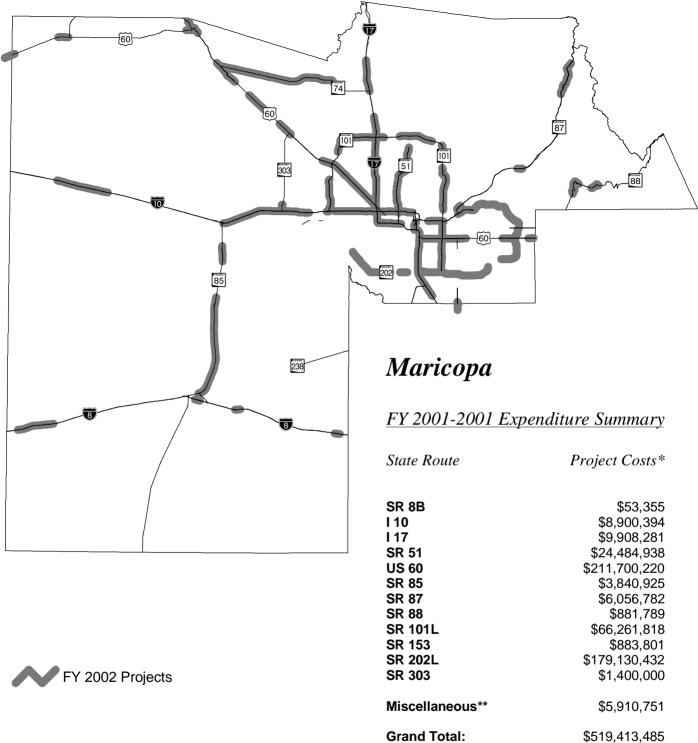


<b>//</b>	FY 2002 Proje	ects
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SR 72 SR 95	\$2,144,830 \$8,714,433
SK 93	φο, / 14,433
Miscellaneous**	\$599,086
Grand Total:	\$21,852,564

<sup>\*</sup>Does not include in-house costs totaling: \$189,833

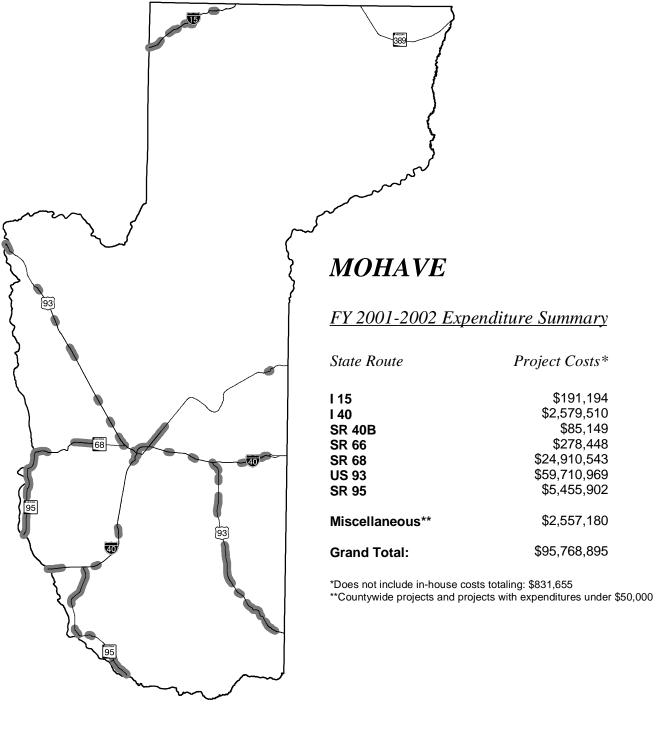
<sup>\*\*</sup>Projects with expenditures under \$50,000



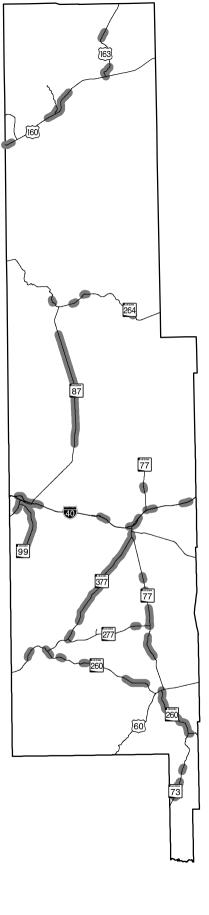
<sup>\*</sup>Does not include in-house costs totaling: \$4,140,133

<sup>\*\*</sup>Countywide projects with expenditures under \$50,000

<sup>\*\*\*</sup>Construction expenditures include RARF total: \$313.7







## **NAVAJO**

State Route	Project Costs*
I 40 US 60	\$7,825,757 \$3.281,298
SR 73	\$2,852,372
SR 77	\$4.923.086
SR 99	\$1,536,498
US 163	\$3,712,182
SR 260	\$5,820,794
SR 264	\$251,679
SR 277	\$52,333
SR 377	\$3,491,447
SR 564	\$398,392
Miscellaneous**	\$1,731,117
Grand Total:	\$35,876,955

<sup>\*</sup>Does not include in-house costs totaling: \$566,788 \*\*Projects with expenditures under \$50,000

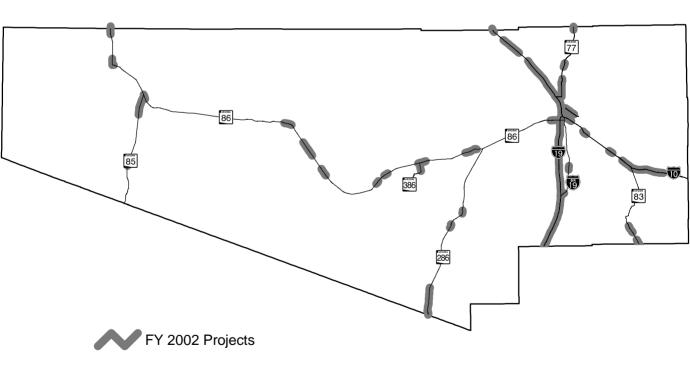




## **PIMA**

State Route	Project Costs*
I 10	\$35,538,036
I 19	\$13,964,531
SR 77	\$651,070
SR 83	\$136,623
SR 85	\$454,718
SR 86	\$2,309,456
Miscellaneous**	\$1,683,069
Grand Total:	\$54,737,503

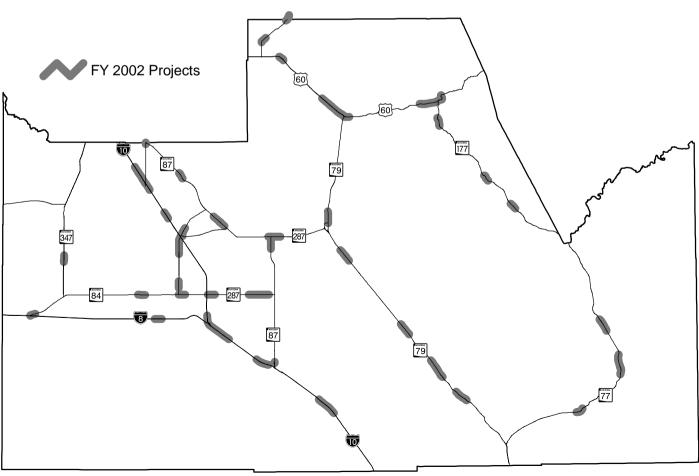
<sup>\*</sup>Does not include in-house costs totaling: \$805,284 \*\*Projects with expenditures under \$50,000



## **PINAL**

State Route	Project Costs*
18	\$135,682
I 10	\$2,474,704
US 60	\$3,050,469
SR 77	\$1,112,683
SR 79	\$53,545
SR 84	\$384,054
SR 87	\$1,581,543
SR 88	\$54,150
SR 187	\$540,678
SR 287	\$1,037,224
SR 387	\$239,420
SR 587	\$1,718,644
Miscellaneous**	\$1,293,502
Grand Total:	\$13,676,298

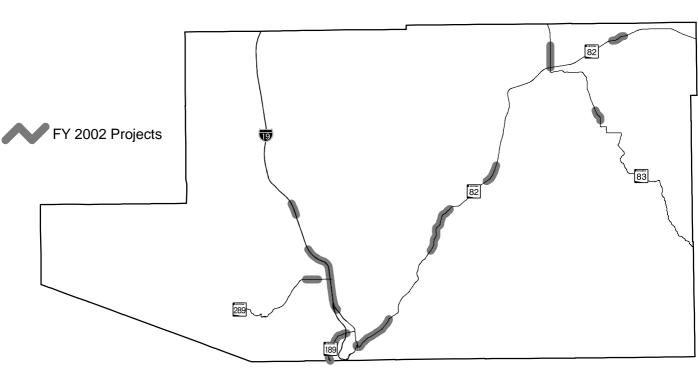
<sup>\*</sup>Does not include in-house costs totaling: \$455,327 \*\*Projects with expenditures under \$50,000



## SANTA CRUZ

State Route	Project Costs*
I 19 SR 19B	\$2,335,359 \$1,625,883
SR 82 SR 83 SR 189	\$373,408 \$877,683 \$4,068,987
Miscellaneous**	\$705,028
Grand Total:	\$9,986,348

<sup>\*</sup>Does not include in-house costs totaling: \$177,840



<sup>\*\*</sup>Projects with expenditures under \$50,000

## **YAVAPAI**

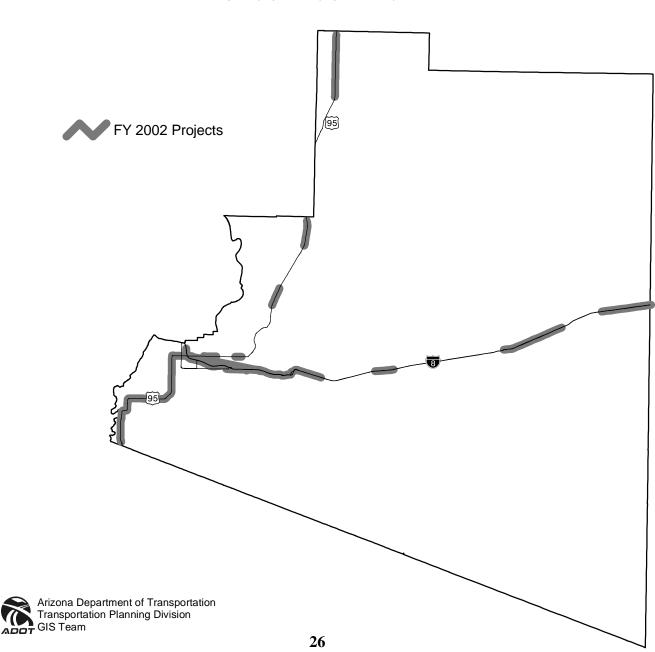
	State Route	Project Co	osts*	
	I 17 I 40 SR 40B	\$1,296 \$503 \$839	3,645	
	SR 69	\$222	2,072	
	SR 89	\$9,057	7,897	
	SR 89A	\$38,067	7,113	
	US 93	\$921	,003	
	SR 179 SR 260	\$235 \$7,862	5,350	
	3R 200	φ1,002	.,000	
	Miscellaneous**	\$2,338	3,809	
	Grand Total:	\$61,344	1,382	
	*Does not include in-h **Projects with expend	ouse costs totaling:\$872,726 ditures under \$50,000		
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## **YUMA**

State Route	Project Costs*
I 8 SR 8B US 95	\$7,119,166 \$661,341 \$14,882,824
Miscellaneous**	\$1,132,450
Grand Total:	\$23,795,781

<sup>\*</sup>Does not include in-house costs totaling: \$384,327

<sup>\*\*</sup>Countywide projects and projects with expenditures under \$50,000



## **STATEWIDE**

## FY 2001-2002 Expenditure Summary

State Route Project Costs\*

**STATEWIDE** \$11,923,552

Miscellaneous\*\* \$1,189,505

**Grand Total:** \$13,113,057

<sup>\*</sup>Does not include in-house costs totaling: \$146,118

<sup>\*</sup>Projects with expenditures under \$50,000

## Appendix A – Detailed County Expenditures

#### **Format of Data**

The data in this portion of the report is organized alphabetically by county. Project expenditures in each county are presented by route, description, location, and cost. Inhouse costs from ADOT are listed as separate construction expenditures. Route totals do not include projects under \$50,000. Projects under \$50,000 are included in the Miscellaneous category. Planning and Research, Rail, Aviation, Transit, and other indirect staff charges are also not included as expenditures.

As prescribed by statute, this report presents progress in terms of project expenditures. While work proceeds, progress payments are made at various stages. These payments constitute the expenditures on a project. In many cases, the amounts reported are only partial totals for any given project. The design, construction, and payment for highway work often spans more than one fiscal year. Thus, expenditures for a project may be spread out over several years. Consequently, projects will frequently reappear in successive reports as the various stages of work occur and payments are made. Specific information on Fiscal Year 2001-2002 projects is available through ADOT's Transportation Planning Division.

# Apache County: FY 2001-2002

State Route	Description/Location	Project Costs*
I 40	STAFF DESIGN	\$86,942
	DESIGN TI PAINTED	\$77,911
	CONST WIM FACILITY	\$1,181,408
	MILL & RPLC, ARFC	\$4,007,310
	MINOR TI RECONSTR	\$115,435
Total:		\$5,469,006
US 60	RPLC BR,XTND RCB,AC	\$2,068,045
	DESIGN CLIMBING LANE	\$61,402
Total:		\$2,129,447
SR 61	AC & FC	\$394,250
	2"AR-AC OVERLAY	\$58,122
Total:		\$452,372
US 160	DESIGN FOUR	\$226,874
	3" AC & ARFC	\$2,317,888
	CONSULTANT DESIGN	\$77,526
Total:		\$2,622,288
US 180	ARAC JCT SR 61	\$799,329
	CST STREET IMPRVMNTS	\$77,604
	MILL & RPLC, ARFC	\$1,287,263
	2" ARAC + AR-ACFC	\$55,483
Total:		\$2,219,679
US 191	COLD RECYCLE & ARFC	\$56,419
	DESIGN	\$340,685
Total:		\$397,104
SR 260	UTILITY RELOCATION SR	\$87,127

State Route	Description/Location	Project Costs*
	ARAC,AR-ACFC & SFTY	\$1,187,563
	SAFETY(SLOPE REMOVL)	\$120,896
Total:		\$1,395,586
SR 264	ARAC, ARFC	\$4,421,902
	RECONST RDWY(DESIGN)	\$244,038
	RECONSTRUCT ROADWAY	\$2,024,620
	AC & SC	\$2,238,398
Total:		\$8,928,958
Miscellaneous**		\$703,388
Grand Total:		\$24,317,828

<sup>\*</sup>Construction expenditures do not include in-house costs associated with projects

<sup>\*\*</sup>Projects with expenditures under \$50,000

# Cochise County: FY 2001-2002

State Route	Description/Location	Project Costs*
I 10	ENC MD CBCS,EXT X DR I-10, BOWIE-NE	\$1,254,077
	INTERMED TI IMPROVE I-10, MESCAL R	\$1,233,597
	R & R, ARFC EAST WILLCOX T	\$317,556
	RPR BR JNT &APPR SLB SR	\$78,363
	186 TI UP ( CONST WIM FACILITY SAN	\$1,086,539
Total:	SIMON PORT	\$3,970,132
SR 10B	WIDEN ROADWAY REX	\$211,001
	ALLEN DRIV 2" AC & SEAL COAT BOWIE	\$503,911
	STREETS CHIP SEAL, R&R, C&G	\$1,019,811
Total:	WILLCOX STREET	\$1,734,723
SR 80	MILL 1/2" & AR-ACFC	\$595,977
	DOUGLAS STREET DSGN INSTSCTN IMPVT	\$58,201
	LOWELL CIRCLE, DESIGN ST. DAVID -	\$151,843
	CL DESIGN SR 80	\$61,263
	REALIGNM CST BY-PASS SR 80	\$62,757
	REALIGNM CONSULTANT DESIGN	\$70,400
	DOUGLAS STREET CONSTR REST AREA CITY	\$189,727
	OF DOUGLA CONST SFTY BEAMS SR	\$2,378,121
	80, DOUGLAS 2" ARAC & AR-ACFC	\$1,318,471
	COCHISE JR COL RR 2" ARAC BISBEE	\$238,729
	TUNNEL CNSRT INSTRSCT IMPVS	\$195,466
	LOWELL CIRCLE, R/W ACTIVITIES ST. DAVID	\$170,890
	- CL R/W ACTIVITIES DOUGLAS	\$124,467
Total:	- SILV	\$5,616,312
SR 90	ARFC	\$472,158
	SUSPEND-H53570 EXT CBC FOR W/B RT	\$70,000
	CHARLESTON RD. RECNST RDWY	\$137,296
	KRTCHNR CVRNS	

# Cochise County: FY 2001-2002

State Route	Description/Location	Project Costs*
I 10	ENC MD CBCS,EXT X DR I-10, BOWIE-NE	\$1,254,077
	INTERMED TI IMPROVE I-10, MESCAL R	\$1,233,597
	R & R, ARFC EAST WILLCOX T	\$317,556
	RPR BR JNT &APPR SLB SR	\$78,363
	186 TI UP ( CONST WIM FACILITY SAN	\$1,086,539
Total:	SIMON PORT	\$3,970,132
SR 10B	WIDEN ROADWAY REX	\$211,001
	ALLEN DRIV 2" AC & SEAL COAT BOWIE	\$503,911
	STREETS CHIP SEAL, R&R, C&G	\$1,019,811
Total:	WILLCOX STREET	\$1,734,723
SR 80	MILL 1/2" & AR-ACFC	\$595,977
	DOUGLAS STREET DSGN INSTSCTN IMPVT	\$58,201
	LOWELL CIRCLE, DESIGN ST. DAVID -	\$151,843
	CL DESIGN SR 80	\$61,263
	REALIGNM CST BY-PASS SR 80	\$62,757
	REALIGNM CONSULTANT DESIGN	\$70,400
	DOUGLAS STREET CONSTR REST AREA CITY	\$189,727
	OF DOUGLA CONST SFTY BEAMS SR	\$2,378,121
	80, DOUGLAS 2" ARAC & AR-ACFC	\$1,318,471
	COCHISE JR COL RR 2" ARAC BISBEE	\$238,729
	TUNNEL CNSRT INSTRSCT IMPVS	\$195,466
	LOWELL CIRCLE, R/W ACTIVITIES ST. DAVID	\$170,890
	- CL R/W ACTIVITIES DOUGLAS	\$124,467
Total:	- SILV	\$5,616,312
SR 90	ARFC	\$472,158
	SUSPEND-H53570 EXT CBC FOR W/B RT	\$70,000
	CHARLESTON RD. RECNST RDWY	\$137,296
	KRTCHNR CVRNS	

State Route	Description/Location	Project Costs*
	RECNST RDWY WHETSTONE TO H	\$113,260
Total:		\$792,714
SR 92	STR SIGNS FOR SVS SIERRA VISTA AC + SC JCT HUNTER CAN ARFC JCT SR 90 - CA INSTL TRF SIGNALS SR 92 @ ST. AN RW ACTIVITIES CARR CANYON RD	\$65,000 \$2,332,697 \$532,546 \$50,212 \$54,122 \$3,034,577
SR 186	RR 2" ARAC REX ALLEN DRIV	\$354,666 <b>\$354,666</b>
US 191	STAFF DESIGN RECONST US 191 ENVIRONMENTAL RECONST US 191 DCR(DSGN CONCPT RPT) ELFRIDA(WHTWTR	\$160,855 \$73,918 \$54,013
Total:		\$288,786
Miscellaneous**		\$1,629,315
Grand Total:		\$17,421,225

<sup>\*</sup>Construction expenditures do not include in-house costs associated with projects

<sup>\*\*</sup>Projects with expenditures under \$50,000

# Coconino County: FY 2001-2002

State Route	Description/Location	Project Costs*
l 17	BRIDGE DCK REHAB	\$188,270
Total:		\$188,270
1.40		
I 40	DESIGN WILLIAMS	\$188,908
	ARAC & ARFC	\$91,314
	BRDG RPLCMT	\$1,815,561
	SEISMIC RETROFIT I-40,	\$73,079
	R&R, AC+ACFC	\$2,095,879
	DESIGN(REHAB) PH II	\$195,314
	PREPARE FNL PS&E	\$59,941
	FLAGGING	\$76,817
	STAFF DESIGN TWO	\$74,437
	BRIDGE REPLACEMENT	\$964,195
	MODIFY TI I-17 &	\$10,767,698
Total:		\$16,403,143
SR 40B	CONST RT LNS, DRAING	\$315,521
Total:		\$315,521
SR 64	STAFF DESIGN	\$60,468
	BRIDGE REPLACEMENT	\$2,275,933
	DESIGN CONCEPT RPT	\$222,657
Total:		\$2,559,058
SR 89A	AC OVERLAY	\$2,628,081
	CST LNDSCP & IRRGTN	\$54,300
	IMPROVE INTERSECTION	\$329,534
	R/W ACTIVITIES	\$65,014
	STAFF DESIGN	\$55,278
Total:		\$3,132,206
US 89	CST NB & REHAB SB	\$1,483,584
	RCST & PAVE	\$313,775
	- <del></del>	φο.ο,πτο

State Route	Description/Location	Project Costs*
	CONOTRUCTION	<b>#0.405.004</b>
	CONSTRUCTION	\$3,195,264
	DESIGN (ARCHAEOLOGY)	\$184,786
	DESIGN CONCEPT RPT	\$443,695
	EMG ROADWAY REPAIR	\$79,670
	ARAC & ARFC SR	\$1,752,656
	CONSTR PASSING LANES	\$175,941
Total:		\$7,629,371
US 89A	PASSING LANE CONSTR	\$139,158
	CST REST RMS PARKING	\$377,411
	BR, RA ACCESS & TRNA	\$493,121
	CONSTR AC OVERLAY	\$497,896
Total:		\$1,507,586
US 160	CHIP SEAL TUBA	\$370,999
Total:		\$370,999
US 180	R/W ACTIVITIES FINE	\$55,495
	LEFT TURN LANE MT	\$505,834
	REALIGN INTERSECTION	\$390,554
	REALIGN INTERSECTION	\$96,190
	DESIGN LT LANES MT	\$63,024
Total:		\$1,111,097
SR 260	ARFC WOODS	\$1,039,540
Total:		\$1,039,540
SR 389	DESIGN RDWY	\$88,000
	R/W ACTIVITIES	\$65,059
Total:		\$153,059
Miscellaneous**		\$1,838,995
		Ţ.,555, <b>666</b>

**Grand Total:** \$36,248,845

<sup>\*</sup>Construction expenditures do not include in-house costs associated with projects

<sup>\*\*</sup>Projects with expenditures under \$50,000

### Gila County: FY 2001-2002

State Route	Description/Location	Project Costs*
US 60	RR 2" ARAC & ARFC	\$930,942
	CST CLIMBING LANES MP	\$92,599
	CST SIDEWALKS JCT	\$2,381,752
	DESIGN JCT SR	\$56,613
	DESIGN EB TRUCK RAMP	\$52,505
	FEASIBILITY REPORT	\$59,858
	LOC STY # 92-30 US 60,	\$87,660
	ON CALL CONSULTANT	\$115,888
	R/W PLNS PRP & TL RP	\$107,755
	REMOVE SLIDE DEBRIS	\$151,418
	REMOVE&REPLACE ARAC	\$1,209,262
	ROCKFALL CONTAINMENT	\$1,766,264
	3"AC,1/2"AR-ACFC	\$612,016
Total:		\$7,624,532
US 70	DESIGN JCT.US	\$51,617
	PED & SAFETY IMPROVE	\$766,359
	PROJECT SCOPING	\$78,856
	CHIP SEAL US 70,	\$152,070
Total:		\$1,048,902
SR 73	RECST BR & APPRCHS	\$1,707,570
Total:		\$1,707,570
SR 87	DESIGN SR 87,	\$62,840
	RR, ARAC + ARFC SR	\$2,107,271
	RDWY DESIGN	\$53,804
	R&R 3" + ARFC SLATE	\$1,458,120
	MILL & RPLC,AR-ACFC	\$1,182,419
	CNST SHLDRS SB,GR,SN	\$100,209
	AR-AC & AR-ACFC SR	\$309,378

State Route	Description/Location	Project Costs*
Total:		\$5,274,041
SR 88	CST OVERLOOK	\$299,351
Total:		\$299,351
SR 170	DESIGN JCT US	\$284,984
	POTHOLE ASSIGNMENT	\$164,097
Total:		\$449,081
SR 188	CST PIONEER ROAD	\$96,886
	RECST ROADWAY MP	\$3,250,909
	R/W PLNS PRP & TL RP	\$242,552
	R/W PLNS PRP & TL RP	\$52,696
	POTHOLE AGREEMENT	\$93,307
	MLL & RPLC,CHIP SEAL	\$259,297
	DESIGN (ON-CALL)	\$78,097
	DESIGN TONTO	\$121,781
	CST RDWY,GR,DRN&SRFC	\$60,917
	STAFF DESIGN	\$129,599
	BRIDGE JOINT REPAIR	\$65,091
	ARCHLGCL INVSTGTNS	\$329,992
	ARCHAEOLOGICAL INVST	\$85,691
	ARCHAEOLOGICAL DT RC	\$125,541
	DESIGN RESORT	\$146,778
	STAFF DESIGN	\$377,308
	SEAL COAT SR 188,	\$89,553
Total:		\$5,605,995
SR 260	R/W ACTIVITIES LION	\$84,005
	ARCHAEOLOGICAL INVST	\$816,270
	R/W PLNS PRP & TL RP	\$343,623
	DESIGN LITTLE	\$498,393
	DESIGN KOHL'S	\$272,966
	DESIGN	\$136,925

State Route	Description/Location	Project Costs*
	CONSTRUCT ROADWAY	\$12,262,500
	CONSTR WATER SUPPLY	\$183,008
	CAMPGROUND RELOCATE	\$2,008,371
	RECST ROADWAY	\$10,248,570
Total:		\$26,854,631
SR 288	OVERLAY & CHIP SEAL	\$860,817
Total:		\$860,817
Miscellaneous**		\$2,112,885
Grand Total:		\$51,837,806
		ψο 1,007,000

<sup>\*</sup>Construction expenditures do not include in-house costs associated with projects

<sup>\*\*</sup>Projects with expenditures under \$50,000

#### Graham County: FY 2001-2002

State Route	ate Route Description/Location		Project Costs*
US 70	R/W ACTV IN	CL ACQ	\$681,374
	ARAC	E RSRVTN	\$1,703,829
	AR-ACFC	US 70,	\$297,419
	BRIDGE REP	LACEMENT	\$2,463,541
	DESIGN	PIMA -	\$263,551
	R/W PLNS PR	RP & TL RP	\$247,465
	RECST INTER	RSECTION	\$137,661
	SAN JOSE-GI	REENLEE CO	\$1,014,948
	CST C&G,SD	WLK,LGHTNG	\$4,252,594
Total:			\$11,062,382
US 191	ROW ACTIVIT	TIES	\$93,607
	R/W ACTIVITI	ES I-10 TO	\$99,390
	ENVIRONME	NTAL	\$365,813
Total:			\$558,810
SR 366	CHIP SEAL /	OVERLAY SR	\$1,073,533
	DESIGN	MT	\$277,678
Total:			\$1,351,211
Miscellaneous**			\$779,119
Grand Total:			\$13,751,522

<sup>\*</sup>Construction expenditures do not include in-house costs associated with projects

<sup>\*\*</sup>Projects with expenditures under \$50,000

### Greenlee County: FY 2001-2002

State Route	Description/Location	Project Costs*
SR 75	BRIDGE REPLACEMENT	\$3,932,049
Total:		\$3,932,049
SR 78	AC & SC APACHE	\$1,360,578
Total:		\$1,360,578
US 191	RECST ROADWAY US	\$137,488
	ARCHAEOLOGICAL INVTG	\$238,639
	CHIP SEAL GREYS	\$1,788,184
	DESIGN	\$367,933
	DESIGN WARD	\$62,435
	DIST FORCE ACCOUNT	\$230,394
	DIST FORCE ACCOUNT	\$50,875
	R/W PLNS PRP & TL RP	\$62,691
	ROCKFALL CONTAINMNT	\$391,327
	RPLC BR & APPR RDWY	\$3,572,749
	RSCST ROADWAY	\$247,380
	UTILITY RELOCATION	\$198,870
	LANDSCAPING & PED BR	\$72,134
Total:		\$7,421,100
Miscellaneous**		\$493,445
Grand Total:		\$13,207,171

<sup>\*</sup>Construction expenditures do not include in-house costs associated with projects

<sup>\*\*</sup>Projects with expenditures under \$50,000

### La Paz County: FY 2001-2002

State Route	Description/Location	Project Costs*
I 10	CONSTRUCT TI EAS	T \$8,568,358
	CONSULTANT DESIGN	\$52,000
	REPAINT PEDESTR BRDO	\$63,839
	CONST WIM FACILITY	\$1,068,579
Total:		\$9,752,776
SR 10B	DESIGN B-10,	\$128,142
	R/W PLNS PRP & TL RP	\$393,370
Total:		\$521,512
US 60	DESIGN ALAMO	\$119,925
Total:		\$119,925
SR 72	ARAC & SEAL COAT JO	CT \$2,075,524
	CHIP SEAL COAT JCT	\$69,306
Total:		\$2,144,830
SR 95	RECONSTR RDWY	\$5,606,184
	ARFC SR 95,	\$156,149
	RECONST SIDEWALK	SR \$301,089
	SCOUR RETROFIT	\$700,272
	WIDEN SR 95 SR 95	\$1,786,958
	DESIGN SR 95,	\$163,781
Total:		\$8,714,433
Miscellaneous**		\$599,086
Grand Total:		\$21,852,564

\*Construction expenditures do not include in-house costs associated with projects

<sup>\*\*</sup>Projects with expenditures under \$50,000

# Maricopa County: FY 2001-2002

State Route	Description/Location	Project Costs*
SR 8B	PJT ASSESSMENT RPT	\$53,355
Total:		\$53,355
I 10	ASSESSMMENT RPT	\$88,445
	SIGN UDATE	\$255,159
	RAMP WIDENING I-10	\$57,633
	DSGN CROSSRD IMPROVS	\$104,662
	DESIGN SIGN UPDATE	\$214,190
	CONSTRUCT FMS	\$3,820,619
	DESIGN & SURV CONTRL	\$57,085
	DCR FOR O1L PH	\$264,399
	DECK JOINT REPAIR I-10,	\$392,727
	DECK JOINT REPAIR I-10,	\$393,582
	CONST PVMT REPAIRS	\$1,563,921
	CNST LNDSCP & IRRGTN	\$426,807
	DESIGN I-10 AT	\$72,031
	DESIGN 83RD	\$1,114,914
	DESIGN 16TH ST,	\$74,220
Total:		\$8,900,394
I 17	DESIGN SIGN REHAB	\$114,526
	CNSLT DESIGN I-17,	\$379,587
	BR JNT RPR #839/2212 I-17	\$250,142
	ADD HOV & AUX LNS I-17,	\$121,216
	TI IMPROVEMENT I-17,	\$1,967,832
	DESIGN I-17,	\$51,647
	R/W PLNS PREP&TL RPT	\$116,845
	DESIGN CNCPT RPTS SR	\$345,133
	INTMDT TI IMPRVT	\$209,029
	MOVE RAMPS 19TH	\$1,157,251

State Route	Description/Location	Project Costs*
	R/W ACQ	\$280,395
	DCR SR 74 TI,	\$63,379
	SIGN UPDATE	\$58,035
	SAFETY ASSESSMENT	\$79,389
	REHAB FRONTAGE ROADS	\$4,204,941
	DESIGN	\$508,934
Total:		\$9,908,281
SR 051	R/W ACQUISITION	\$124,415
	PCCP RHB & JOINT RPR	\$651,540
	INSTL FMS EQP, PH 5	\$99,953
	GEN DSGN CONSLTNT	\$1,085,855
	DESIGN ROADWAY SR	\$81,795
	CNSTR RDWAY BELL	\$21,231,635
	APPROACH SLAB REPAIR	\$753,639
	R/W ACTIVITIES STATE	\$456,106
Total:		\$24,484,938
US 60	DESIGN JCT I-10 -	\$3,641,193
	DESIGN(STRUCTURE)	\$354,715
	AR-ACFC US 60,	\$940,183
	CONSTRUCT STRUCTURE	\$11,922,628
	CONSULTANT DESIGN	\$141,225
	RW PLNS PREP & TL RP	\$105,164
	DESIGN STRUCTURE	\$796,109
	R/W PLNS PRP & TL RP	\$64,513
	R/W PLNS PRP & TL RP	\$315,112
	R/W PLNS PRP & TL RP	\$154,835
	R/W PLNS PRP & TL RP	\$1,371,002
	RECST 4 LN DV HWY	\$8,252,996
	RECST 4 LN DV HWY	\$3,771,773
	R/W PLNS PRP & TL RP	\$83,037

State Route	Description/Location	Project Costs*
		4
	RESRCH/DATA/REPORTNG	\$63,652
	R/W PLNS PRP & TL RP	\$757,722
	RW PLNS PREP TL RPTS	\$9,529,275
	TI IMPROVEMENTS	\$1,956,474
	TI IMPROVEMENTS	\$2,170,934
	TI IMPROVEMENTS	\$51,516
	TI IMPROVEMENTS	\$91,728
	TI IMPROVEMENTS	\$204,492
	WIDENING IMPRVMNTS	\$144,207,407
	RECYCLE, ARFC	\$2,518,774
	INTERMEDIATE TI IMPV US	\$1,182,277
	DESIGN US 60,	\$155,127
	DESIGN STRUCTURE	\$359,878
	DESIGN STRUCTURE	\$379,788
	DESIGN STRUCTURE	\$998,675
	DESIGN(STRUCTURE)	\$276,344
	R/W PLNS PRP & TL RP	\$1,627,770
	ENVIRONMENTAL 59TH	\$240,018
	DESIGN US 60,	\$61,273
	JPA 98-16 US	\$340,001
	MAJOR INVSTMNT STUDY	\$118,105
	P E RED MTN,	\$3,192,935
	PLNS PREP & TTL RPTS	\$1,277,449
	PLNS PREP & TTL RPTS	\$5,096,008
	POTHOLE AGREEMENT	\$65,045
	R/W ACQ THOMAS	\$2,298,186
	R/W ACTIVITIES 75TH	\$72,465
	DESIGN, PH II	\$492,416
Total:		\$211,700,220
SR 85	CONSULTANT DESIGN	\$308,855

State Route	Description/Location	Project Costs*
	POTHOLE AGREEMENT	\$68,870
	STAFF DESIGN LEWIS	\$99,102
	R/W ACTIVITIES LEWIS	\$114,896
	R/W ACTIVITIES GILA	\$161,972
	POTHOLE AGREEMENT	\$55,749
	MILL & RPLC 2.5" AC SR	\$313,661
	DESIGN FRONTAGE ROAD	\$291,855
	DESIGN LEWIS	\$433,008
	CONSULTANT DESIGN	\$922,660
	CONSULTANT DESIGN	\$593,144
	R/W ACTIVITIES GILA	\$477,153
Total:		\$3,840,925
		. , ,
SR 87	CST NEW ROADWAY	\$5,797,355
	LIGHTING, SFTY IMPRV	\$195,703
	NEW ROADWAY	\$63,724
Total:		\$6,056,782
SR 88	SCENIC RD IMPRVMNTS	\$351,241
	SCENIC RD IMPRVMNTS	\$345,297
	DISTRICT FORCE ACCT	\$185,251
Total:		\$881,789
SR 101L	DESIGN, PHASE B	\$157,209
	UTILITY RELOCATION	\$71,380
	SIGN UPDATE DESIGN	\$226,537
	ROW ACQUISITION	\$1,212,139
	R/W ACQUISITION	\$124,012
	R/W ACQUISITION	\$3,451,502
	LIGHTNG CONST 101L,	\$384,398
	CST LANDSCAPE I-17 /	\$269,390
	CST ROADWAY PIMA	\$1,189,921
	INSTL FMS FLD EQUIP PHX	\$1,063,776

State Route	Description/Location	Project Costs*
	CONST LANDSCAPE	\$2,148,664
	DESIGN AUX LANE 67TH	\$56,949
	DESIGN	\$82,812
	CST ROADWAY, PH B	\$7,643,024
	CST ROADWAY I-17 -	\$193,743
	UTILITY RELOCATION	\$1,129,303
	CST ROADWAY	\$124,144
	CONSTR LANDSCAPE	\$1,772,819
	CNSTR ROADWAY	\$26,451,335
	CONST LANDSCAPE	\$1,835,593
	CONST LANDSCAPE	\$2,413,759
	CONSTR LANDSCAPE	\$1,824,348
	CONST RDWY,BR & CRDS	\$169,215
	CONSTRUCT AUX LANE	\$266,003
	CONSTRUCT LANDSCAPE	\$1,997,248
	CONSTRUCT LANDSCAPE	\$1,287,286
	CONSTRUCT ROADWAY	\$1,132,510
	CONSTRUCT ROADWAY	\$7,297,010
	CONSULTANT DESIGN	\$51,974
	CST 6 LN FRWY SHEA	\$99,027
	CST LANDSCAPE SR	\$134,788
Total:		\$66,261,818
SR 153	R/W ACTIVITIES	\$883,801
Total:		\$883,801
. Gran		<b>4000,00</b> 1
SR 202L	R/W PLNS PRP & TL RP	\$760,847
	R/W PLNS PRP & TL RP	\$8,161,810
	R/W PLANS PREP 40TH	\$16,418,976
	ENVIRONMNTL DOCUMENT	\$323,167
	ENVRMTL IMPACT STUDY	\$1,004,294
	R/W ACQ	\$1,392,045

State Route	Description/Location	Project Costs*
	R/W ACQUISTITION	\$171,087
	R/W ACTIVITIES US 60	\$3,688,129
	R/W PLNS PRP & TL RP	\$829,130
	R/W PLNS PRP & TL RP	\$11,321,620
	DESIGN ROADWAY	\$1,180,300
	R/W PLNS PRP & TL RP	\$8,878,848
	DESIGN ROADWAY AZ	\$1,866,706
	R/W PLNS PRP & TL RP	\$1,115,103
	R/W PLNS PRP & TL RP	\$492,519
	R/W PLNS PRP &SURVEY	\$2,148,842
	R/W STAFF RED	\$51,186
	SEWER/UTIL CONST	\$2,563,729
	SRP UTILITY AGMT	\$2,580,985
	UTILITY LOCATING	\$273,111
	UTILITY RELOCATION	\$158,464
	R/W PLNS PRP & TL RP	\$454,857
	CST ROADWAY	\$12,379,499
	CNST ROADWAY	\$694,989
	CNSTR ROADWAY	\$5,021,652
	CONSTRUCT BRIDGE	\$2,939,230
	CONSTRUCT ROADWAY	\$32,336,965
	CST PUMP STATION	\$191,526
	CST ROADWAY 56TH	\$752,491
	CST ROADWAY	\$25,441,008
	ENVIRONMENTAL WORK	\$97,831
	CST ROADWAY	\$1,861,132
	DESIGN SO.	\$58,919
	CST WB & EB AUX LNS	\$304,460
	DESIGN 202L,	\$199,436
	DESIGN 202L,	\$1,182,102

State Route	Description/Location		Project Costs*
	DESIGN		\$617,628
	DESIGN	I-10 TI,	\$62,303
	DESIGN	KYRENE	\$1,260,944
	DESIGN		\$1,516,556
	DESIGN	SANTAN	\$4,878,982
	DESIGN	SANTAN,	\$173,866
	CST ROADWAY	′ I-10	\$21,323,158
Total:			\$179,130,432
SR 303	RD IMPROVEM	ENTS	\$1,400,000
Total:			\$1,400,000
Miscellaneous**			\$5,910,751
Grand Total:			\$519,413,485

<sup>\*</sup>Construction expenditures do not include in-house costs associated with projects

<sup>\*\*</sup>Projects with expenditures under \$50,000

### Mohave County: FY 2001-2002

State Route	Description/Location	Project Costs*
145		***
I 15	R&R, AC & FC	\$84,078
	DRAINAGE IMPROVEMENT	\$107,116
Total:		\$191,194
I 40	STAFF DESIGN	\$51,154
	CHAIN LNK FNC UPGRAD	\$230,195
	CONST WIM FACILITY	\$1,228,657
	CONSULTANT DESIGN	\$87,005
	CONSULTANT DESIGN	\$94,799
	CONSULTANT DESIGN	\$59,500
	DESIGN TOPOCK -	\$87,968
	DESIGN EB CLMBNG LN	\$127,095
	INTERSCTN IMPRVMNTS	\$397,372
	SIGN REHAB	\$101,763
	STAFF DESIGN BLAKE	\$63,852
	STAFF DESIGN	\$50,150
Total:		\$2,579,510
SR 40B	R & R, SC ANDY	\$85,149
Total:		\$85,149
SR 66	TRAFFIC SIGNAL SR 66	\$89,755
	SCOUR RETROFIT MP	\$129,591
	DESIGN	\$59,102
Total:		\$278,448
SR 68	DSN BUILD CONSULTANT	\$230,926
	CST RDWY(DSGN BUILD)	\$24,521,311
	ARFC	\$59,182
	R/W PLNS PRP & TL RP	\$99,124
Total:	WWI ENSTRI & TERM	\$24,910,543
US 93	ARCHLGCL INVSTGTNS	\$84,624

State Route	Description/Location	Project Costs*
	CST PARALLEL RDWY US	\$10,729,008
	R/W ACTIVITIES BIG	\$162,536
	STAFF DESIGN	\$157,955
	STAFF DESIGN	\$174,218
	STAFF DESIGN	\$60,946
	RECST RDWY W/STRCTRS	\$8,602,812
	RECST RDWY 4 LN DIV	\$193,939
	R/W ACTIVITIES PLANS	\$108,413
	R/W ACTIVITIES US 93,	\$55,208
	CORRIDOR STUDY US	\$71,449
	R/W ACTIVITIES BLAKE	\$92,184
	CONSTR BRIDGE & APPR	\$27,700,000
	R/W ACQUISITION	\$94,103
	ML & RPLC AR-ACFC US	\$183,413
	MILL, AC & ARFC	\$69,693
	DESIGN 4LANE HWY US	\$1,241,951
	DESIGN SIGNAL	\$87,688
	CST ROADWAY (2 LNS)	\$9,419,634
	CRRDR STDY & ENH OVW	\$229,315
	CONSTRUCT VMS US	\$71,055
	R/W ACTIVITIES	\$120,825
Total:		\$59,710,969
SR 95	R/W ACQ	\$108,830
	3" AC & AR-ACFC LAKE	\$1,596,870
	CONST TRAFFIC SIGNAL	\$70,000
	CONSULTANT DESIGN	\$101,096
	DESIGN LAKE	\$1,410,218
	INTERSCTN WIDENING	\$500,000
	O/H SIGNS&TRN LN EXT SR	\$246,935
	PASSING LN W SIDE,AC	\$577,820

State Route	Description/Location	Project Costs*
	PLNS PREP & TL RP LAKE	\$90,572
	PVMT REHAB & SAFETY	\$72,769
	R/W ACQ	\$192,953
	SIGNAL,CURB & GUTTER	\$429,842
	POTHOLE AGREEMENT	\$57,997
Total:		\$5,455,902
Miscellaneous**		\$2,557,180
Grand Total:		\$95,768,895

<sup>\*</sup>Construction expenditures do not include in-house costs associated with projects

<sup>\*\*</sup>Projects with expenditures under \$50,000

# Navajo County: FY 2001-2002

State Route	Description/Location	Project Costs*
I 40	CURVE RCNST	\$2,254,602
	DECK JOINT REPAIR	\$517,453
	DESIGN (SIGN REHAB)	\$174,079
	PREP PS&E-DESIGNN	\$61,774
	REPLACE BRIDGE DECKS	\$3,050,065
	BR DECK REPLACEMENT E	\$1,767,784
Total:		\$7,825,757
US 60	CST CLBG LNS EB & WB	\$1,154,119
	CST CLMG LNS EB & WB	\$703,363
	FLATTEN ROCK SURFACE	\$1,258,157
	INSTLL STR LIGHTING	\$165,659
Total:		\$3,281,298
SR 73	RECST ROADWAY	\$2,334,609
	INTRSCTN IMPRVMTS	\$517,763
Total:		\$2,852,372
SR 77	DSGN RCBC EXT SR	\$67,405
	CONSTR CLIMBING LANE	\$720,439
	CONSTR NEW BRIDGE	\$3,478,037
	CONSTR CLIMBING LANE	\$657,205
Total:		\$4,923,086
SR 99	AC & SC DISTRICT	\$1,536,498
Total:		\$1,536,498
US 163	RP DRNG ST,INST LNRS	\$1,366,084
	CONSULTANT DESIGN EL	\$66,180
	AC OVERLY & AR-ACFC	\$2,279,918
Total:	2 2	\$3,712,182
		, , , , , , , , , , , , , , , , , , ,
SR 260	CNST NW SGNL @ INTST	\$68,324

State Route	Description	n/Location	Project Costs*
	STAFF DESIG	GN JCT	\$147,936
	RECNSTR RO	DADWAY	\$5,108,959
	DESIGN		\$141,626
	DESIGN ROA	ADWAY	\$150,341
	MILL, SEAL 8	ARFC	\$50,983
	POTHOLE AC	GREEMENT	\$91,765
	CST TRAFFIC	SIGNAL SR	\$60,860
Total:			\$5,820,794
SR 264	DESIGN	PJCT	\$54,733
	DESIGN	SR 264 @	\$127,873
	CONSTRUCT	RDWY WIDEN	\$69,073
Total:			\$251,679
SR 277	SCOPING		\$52,333
Total:			\$52,333
SR 377	RST & RHB S	SC SR	\$3,491,447
Total:			\$3,491,447
SR 564	DBL APPLCT	N SL COAT	\$398,392
Total:			\$398,392
Miscellaneous**			\$1,731,117
Grand Total:			\$35,876,955

<sup>\*</sup>Construction expenditures do not include in-house costs associated with projects

<sup>\*\*</sup>Projects with expenditures under \$50,000

### Pima County: FY 2001-2002

State Route	Description/Location		Project Costs*
I 10	ENVIRONME	NTAL	\$67,470
	ARCH. INVES	STGTNS	\$154,824
	RECST TI, PH	H I & II   I-10 /	\$1,673,377
	RECONST RO	DADWAY	\$230,076
	R/W ACQ ( No	ON-FA)	\$245,388
	R/W ACQ ( No	ON-FA)	\$760,993
	R/W ACQ & P	LANS	\$173,038
	R/W ACQ	PRINCE	\$77,625
	R/W ACQ	I-10 / I-19	\$2,513,555
	LNDSCP & IR	RGTN	\$118,728
	REPAIR BRID	GE JOINTS	\$631,382
	INSTL FMS E	QMT, PH I I-10,	\$1,161,745
	SIGN REHAB	& UPDATE	\$1,412,382
	DESIGN(EB/V	VB FRT RD)	\$248,269
	DESIGN	PRINCE	\$1,116,698
	DESIGN	I-10/I-19	\$626,803
	DESIGN		\$486,090
	CST FRNTG RDS & STR		\$2,056,448
	CST FRNTG RDS		\$9,187,627
	CST FRNTG RD  CST EB/WB FRT RDS  CONSULTANT DESIGN WR		\$1,859,600
			\$9,882,717
			\$91,801
	ARCHAELOG	ICAL INVEST	\$322,703
	LANDSCAPE	& IRRIG	\$438,699
Total:			\$35,538,036
I 19	CST SEWER	SYSTEM	\$217,335
	DESIGN	I-19,	\$65,414
	DESIGN	I-I9 @ MP	\$76,193

State Route	Description/Location		Project Costs*
	R & R, ARAC 8	ARFC	\$150,238
	RECST TI		\$10,046,823
	REHAB REST	AREA	\$2,449,169
	CORRIDOR ST	ΓUDΥ	\$959,359
Total:			\$13,964,531
SR 77	CONSULTANT	DESIGN	\$135,700
	RR 4" & ARFC	JCT	\$515,370
Total:			\$651,070
SR 83	DESIGN	JCT SR	\$136,623
Total:			\$136,623
SR 85	CST GUARD R	AIL/BRIDG	\$298,703
	DESIGN	ORGAN	\$156,015
Total:			\$454,718
			, ,
SR 86	ARFC	QUIJOTOA	\$707,491
	RECST & WIDI	EN,NEW BR	\$221,132
	AC + ACFC	SR 86,	\$723,718
	AC & AR-ACFO	· · · · · · · · · · · · · · · · · · ·	\$657,115
Total:			\$2,309,456
Miscellaneous**			\$1,683,069
Grand Total:			\$54,737,503

<sup>\*</sup>Construction expenditures do not include in-house costs associated with projects

<sup>\*\*</sup>Projects with expenditures under \$50,000

# **Pinal County: FY 2001-2002**

State Route	Description/Location	Project Costs*
18	PAVE PRES-FOG COAT	\$135,682
Total:		\$135,682
I 10	DESIGN JCT SR	\$150,909
110	DESIGN SACATON	
	R/W ACQUISTION SR	\$60,548
	RDWY DESIGN CASA	\$235,340
	REHAB/PRESERVATION	\$67,503 \$538,000
	REPLACE AC & AR-ACFC	\$538,099 \$1,433,305
Totale	REFLACE AC & AR-ACFC	\$1,422,305 \$2,474,704
Total:		\$2,474,704
US 60	SCENIC RD IMPRV	\$978,870
	DESIGN US	\$69,805
	DESIGN RDWY	\$1,230,006
	PLNS PREP & TTL RPTS SR	\$71,815
	PRJT ASSMNT RPT	\$233,046
	R/W ACTIVITIES	\$99,793
	DESIGN SR 177	\$97,054
	STAFF DESIGN	\$112,976
	ACCESS MGMNT PLAN	\$89,397
	STAFF DESIGN	\$67,707
Total:		\$3,050,469
SR 77	CONSULTANT DESIGN	\$50,087
	ARFC	\$525,283
	RR & ARFC OLD	\$537,313
Total:		\$1,112,683
SR 79	ROADWAY DESIGN	\$53,545
	ROADWAT DESIGN	
Total:		\$53,545
SR 84	OVERLAY & SEAL COAT	\$384,054
Total:		\$384,054

State Route	Description/Location	Project Costs*
SR 87	AC + SC JCT SR	\$1,581,543
Total:		\$1,581,543
SR 88	DESIGN PARK ROADS	\$54,150
Total:		\$54,150
SR 187	2" AC, SEAL COAT JCT	\$540,678
Total:		\$540,678
SR 287	MILL & ARAC 11 MILE	\$214,637
	ARCHAEOLOGY	\$170,853
	ARFC 5 PTS-JCT	\$651,734
Total:		\$1,037,224
SR 387	CHIP SEAL JCT SR	\$239,420
Total:		\$239,420
SR 587	ENVIRONMENTAL	\$96,161
	AC & ARFC	\$1,622,483
Total:		\$1,718,644
Miscellaneous**		\$1,293,502
Grand Total:		\$13,676,298

<sup>\*</sup>Construction expenditures do not include in-house costs associated with projects

<sup>\*\*</sup>Projects with expenditures under \$50,000

### Santa Cruz County: FY 2001-2002

State Route	Description/Location	Project Costs*
I 19	DESIGN RIO RICO	\$1,235,261
	MINOR TI IMPROVEMNTS	\$362,159
	POTHOLE AGREEMENT	\$199,241
	R/W ACTIVITIES RIO	\$142,919
	SCOUR RETROFIT	\$325,712
	CHIP SEAL COAT PALO	\$70,067
Total:		\$2,335,359
SR 19B	TRAFFIC SIGNALS B-19	\$119,295
	MILL & RPLC AR-AC+SC	\$1,506,588
Total:		\$1,625,883
SR 82	DESIGN SR 82,	\$116,304
	ENVIRONMENTAL SR	\$119,652
	ON CALL CONSULTANT	\$66,018
	DESIGN	\$71,434
Total:		\$373,408
SR 83	DESIGN JCT. SR	\$145,927
	TEST SECTIONS SR 83,	\$731,756
Total:		\$877,683
SR 189	UTILITY RELOCATION	\$83,947
	R/W ACQ	\$1,100,477
	DESIGN	\$74,964
	CNSTR SITE - ST POE SR	\$2,809,599
Total:		\$4,068,987
Miscellaneous**		\$705,028

\$9,986,348

\*Construction expenditures do not include in-house costs associated with projects

**Grand Total:** 

<sup>\*\*</sup>Projects with expenditures under \$50,000

### Yavapai County: FY 2001-2002

State Route	Description/Location	Project Costs*
l 17	0.5"ARFC(.4 MI MILL) I-17	\$259,472
	CONSULTANT DESIGN	\$168,721
	DESIGN	\$57,690
	DESIGN	\$115,223
	DESIGN (R/A) PH 1	\$76,553
	EMG ROCKFALL REMOVAL	\$79,635
	REHAB & PRESERV EXIS	\$539,302
Total:		\$1,296,596
I 40	DECK REPLACEMENT	\$393,205
	PVMNT OVRLY & SIGNIN	\$110,440
Total:		\$503,645
SR 40B	MILL & ARFC	\$839,837
Total:		\$839,837
SR 69	DESGN TRAFFIC SIGNAL	\$102,956
	RR, ARAC, ARFC	\$119,116
Total:		\$222,072
SR 89	RIGHT-OF-ACTV JCT	\$80,548
	TI IMPR & STUDY	\$60,979
	AR-ACFC CHINO	\$371,479
	AR-ACFC	\$2,261,871
	ARFC JCT US 93	\$578,111
	DESIGN MARINA -	\$64,465
	DESIGN PEEPLES	\$61,657
	INTERSECTION IMPVT	\$332,829
	R&R 2" ARAC	\$505,445
	R/W PLNS PRP & TL RP	\$160,036
	RDWY DESIGN	\$81,562
	REMOVE, REPLACE & SC	\$2,586,873

State Route	Description/Location	Project Costs*
	ROADWAY DESIGN	\$155,930
	ADD L & R TN LNS/SHD	\$430,582
	RECONSTRUCT RDWY	\$1,325,530
Total:		\$9,057,897
SR 89A	R/W PLNS PRP & TL RP	\$72,500
	ARFC US 89A,	\$585,202
	RECST RDWY DRY	\$10,568,660
	RECST RDWY	\$13,131,754
	REALIGN RDWY (IGA) JCT	\$7,194,021
	R/W PLNS PRP 7 TL RP	\$172,998
	R/W ACTIVITIES	\$73,138
	DESIGN	\$1,192,845
	CONST TRAFFIC SIGNAL	\$61,453
	RCKFL CONTAINMENT	\$2,287,630
	CST PRK RDS	\$1,244,165
	R/W ACQ (HELP LOAN)	\$1,088,645
	INSTL TRFFC SIGNAL SR	\$121,676
	INTRSCTN IMPRVMNTS	\$65,000
	MILL 1" & 1.5" ARAC	\$68,063
	POTHOLE AGREEMENT	\$139,363
Total:		\$38,067,113
US 93	CORRIDOR STUDY	\$689,524
	STAFF DESIGN NO	\$138,259
	DESIGN US 93,	\$93,220
Total:		\$921,003
SR 179	CS -BRW 93-26 JCT	\$235,350
Total:		\$235,350
SR 260	ARFC RIM - JCT	\$2,613,903
J. ( 200	DESIGN	\$591,721
	DESIGN	\$990,595
	DEGIGIN	φσσυ,090

State Route	Description/Location	Project Costs*
	R/W PLNS PRP & TL RP	\$204,718
	R/W PLNS PRP & TL RP I-17	\$3,103,603
	SCOPING	\$80,653
	STAFF DESIGN	\$170,230
	SCPING,SDWLK & LNDSC	\$106,637
Total:		\$7,862,060
Miscellaneous**		\$2,338,809
Grand Total:		\$61,344,382

<sup>\*</sup>Construction expenditures do not include in-house costs associated with projects

<sup>\*\*</sup>Projects with expenditures under \$50,000

# Yuma County: FY 2001-2002

State Route	Description/Location	Project Costs*
18	R&R,AC, ACFC	\$50,626
	UTILITY RECSTRCTN AVE	\$204,703
	TI IMPROVEMENT I-8,	\$1,075,065
	SUPPLEMENTAL DESIGN	\$61,046
	STAFF DESIGN	\$54,418
	BRIDGE REPLACEMENT	\$467,677
	R/W PLNS PRP & TL RP	\$667,151
	ML & RPLC AC-ARFC I-8,	\$447,919
	INTERMEDIATE TI IMPR I-8	\$3,591,852
	DESIGN(REHAB) PH II	\$74,745
	DESIGN MOHAWK	\$101,107
	CST LNDSCP & IRRGTN	\$112,159
	SCOUR RETROFIT RED	\$210,698
Total:		\$7,119,166
SR 8B	INTSCT IMPRVMNTS	\$303,843
	RECST PARK ROADS	\$357,498
Total:		\$661,341
US 95	DESIGN	\$149,256
	2 1/2"AC & 1/2"ACFC	\$1,330,978
	R/W ACTIVITIES	\$138,519
	UTILITY RELOCATION	\$118,173
	SURVEY & MAPPING	\$513,988
	STAFF DESIGN YUMA	\$88,857
	RECONSTRUCT ROADWAY	\$73,594
	RCNSTR RDWY	\$6,774,995
	3" AC. AR-ACFC AVE 2E	\$1,562,978
	R/W ACTIVITIES YUMA	\$60,650
	AC, ACFC OVERLAY	\$1,503,721

State Route	Description/Location	Project Costs*
	R&R, 2.5" AC & ACFC US	\$132,280
	R&R 3"AC +AR-ACFC US	\$584,111
	INSTL TRFFIC SIGNAL US	\$320,962
	DESIGN CONSULTANT	\$72,782
	DESIGN	\$68,768
	R/W PLNS PRP & TL RP	\$1,388,212
Total:		\$14,882,824
Miscellaneous**		\$1,132,450
Grand Total:		\$23,795,781

<sup>\*</sup>Construction expenditures do not include in-house costs associated with projects

<sup>\*\*</sup>Projects with expenditures under \$50,000

#### *Statewide: FY 2001-2002*

Description/Location		Project Costs*
CST SIGNAL REVAMP		\$98,753
CST LED TRF	FC SIGNLS	\$392,728
R/W STAFF	OLD	\$68,308
R/W ACQUISI	TION OLD	\$314,162
R/W STAFF	EXCESS	\$51,931
STATEWIDE	R/W	\$119,481
CONTRACT N	MGMT SPECL	\$89,929
CST CALL BC	X/SYS EQP	\$113,697
INSTL VAR M	SG SGNS	\$114,608
GEOTECH IN	VST	\$2,821,548
DEV TS & LG	TNG STDS TS	\$92,049
DESIGN	AS-BUILT	\$209,576
MONITOR NO	DISE	\$108,950
SGNL WRHS INV & CST		\$161,719
SIGNAL WAREHOUSE		\$1,096,585
DESIGN	SW	\$54,824
TRFFC ENG	SRVCS	\$88,211
CST VMS	CST VMS	\$59,280
STELL BR REPAIR		\$55,767
DESIGN	VARIOUS	\$55,197
ENVIRONMENTAL		\$92,966
BEARING RETROFIT I-40,		\$89,591
DEV RESRCH &ANALYSIS		\$118,220
DEVELOPMENT		\$128,429
ENVIRONMENTAL		\$87,232
RPL WGT DLI	FL,RLTD EQ	\$164,394
REVIEW PLANS		\$164,225
PLNS, PREP & TTL RPT		\$160,766

Description/Location	Project Costs*
BRIDGE INSPECTION	\$435,039
DESIGN & IMP IDMS	\$50,605
ENVIRNMENTAL SUPPORT	\$229,690
INSTALL CATTLEGUARD	\$241,791
SUPP SVCS-HIST PRSRV	\$54,561
INSTALL OF RPM'S	\$571,735
RPMS INSTALLATION	\$880,863
SCOPING	\$79,799
DESIGN	\$58,895
HIST PRPRTY INVENTRY	\$625,588
HIST PRPRTY INVENTRY	\$264,545
HIST PROP INVENTORY	\$221,429
HISTRC PROP INVT	\$292,141
DESIGN	\$94,997
R/W SUPPORT	\$210,098
PHOTO COMPILATION	\$72,029
STERO COMPILATIONN	\$88,190
CONSULTANT DESIGN	\$57,698
ENVIRONMENTAL	\$106,571
DESIGN SW -	\$114,165
Miscellaneous**	\$1,189,505

**Grand Total:** 

\$13,113,057

<sup>\*</sup>Construction expenditures do not include in-house costs associated with projects

<sup>\*\*</sup>Projects with expenditures under \$50,000

#### Appendix B - Glossary

**Archaeological study** A scientific examination of artifacts that are sometimes

uncovered by excavation during highway construction.

**Asphaltic concrete** A mixture of asphalt cement and high quality aggregate

compacted to form a pavement.

**Box culvert** A structure less than 20 feet in width, which is built under

a roadway and permits drainage to pass from one side of a

roadway to the other.

Cattle guard A grate to keep domestic animals from wandering onto the

highway.

**Chip seal** A road preservation technique using liquid asphalt

impregnated with a layer of rock "chips."

**Design** Pre-construction surveys, studies, photos, drafting, etc. that

provide the blueprints or instructions of how the actual

construction work is to be performed.

Frontage road A surface street paralleling a controlled access highway

(example: freeway) for the purpose of permitting access to

properties facing the highway.

Grade and Drain Leveling, compacting and constructing the roadbed prior to

paving.

Guardrail A rail, usually of flexible metal, secured to uprights and

erected as a barrier between or beside lanes of a highway.

**Landscaping** The installation of irrigation systems, plants, grass, gravel

or structures to enhance the appearance of a highway

and/or reduce erosion.

Material sites Areas where road construction materials such as aggregate

rock and landfill can be obtained.

Mill A grinding process which removes a portion of the surface

of a roadway prior to adding one or more layers of

asphaltic concrete.

**Obligation** The commitment of funds to a projects when it is

advertised for bidding.

**Overlay** Putting one or more layers of asphaltic concrete over an

existing pavement.

**Pavement preservation** An action to maintain the surface of the pavement and

extend its useful life.

**Planking** The wood or rubber matting on rail/highway crossings.

**Portland cement concrete** A high grade concrete used to construct pavement and

structures.

**Preliminary engineering** Work accomplished during the design stages of a project.

**Pump station** A facility which pumps water out of depressed section of

roadways.

**RARF** Regional Area Road Fund. Funding comes from a county

authority to enact transportation excise taxes through voter

approval

**Realignment** A construction project that changes the location of an

existing roadway in order to achieve a safer or more

efficient design.

**Retaining wall** A wall designed to prevent the banks of a depressed

roadway or the uphill slope of a mountainside roadway from sliding onto the highway, or down slope wall to

support the roadway.

**Right-of-way** The land secured and reserved to the public for highway

purposes, sidewalks, utilities, drainage, etc.

**Roadside improvements** The installation of curbs, sidewalks, gutters or other items

aimed at enhancing safety, utility, condition or appearance

of a roadway.

**Scour protection** Preventive action to reduce damage to roadway structures

near or in riverbeds.

**Seal coat** A coating applied to the surface of a road to preserve the

pavement.

**Shoulder** The area to the side of a roadway that may or may not be

paved or improved.

**Signing** Installing signs.

**Snow fence** A fence designed to keep snow from drifting or sliding

onto a highway.

**Traffic interchange** A structure that provides a grade separation and access

ramps for traffic moving on intersecting highways.

**Traffic management** Installation of signals, signs or pavement markings to

control traffic flow.

**Truck escape ramp** A safety feature on steep downgrades. The ramp allows

trucks whose brakes have failed to leave the main roadway

and coast to a stop.

**Turn bay** An additional lane added to a roadway to permit turning

traffic to pull aside prior to turning.

**12.6% and 2.6% moneys** Pursuant to A.R.S. Section 28-6540, 75% of the 12.6%

from the Arizona Highway User Revenue Fund (HURF) shall be used on controlled access routes within Maricopa County, and 25% of the 12.6% shall be used in Pima County. In 1996, the State Transportation Board added 2.6% of the HURF for Maricopa and Pima Counties.

**Two-way left turn** A designated lane located in the center of a roadway from

which left turns may be made from either direction.

**Utility adjustments** Involving the installation/relocation of lines, pipes, etc.

# Appendix C – Abbreviations

AC	- Asphaltic Concrete	MP	- Milepost
ACFC	- Asphaltic Concrete Finishing	NAT MNMT	- National Monument
BDRY	Course - Boundary	MT	- Mountain
BLVD.	- Boulevard	NF	- National Forest
BR	- Bridge	OP	- Overpass
CBC	- Concrete Box Culvert	PH	- Phase
CG	- Cattle Guard	PCCP	- Portland Cement, Concrete Pavement
CTY	- City	POE	- Port Of Entry
CL	- City Limits	PE	- Preliminary Engineering
CYN	- Canyon	PM	- Pavement Marking
DR	- Drain	RES	- Reservation
EB	- Eastbound	RMP	- Ramp
EX	- Excavation	RNG	- Range
FC	- Finishing Course	RR	- Railroad
FR	- Frontage Road	RRX	- Railroad Crossing
GD	- Grade	R/W	- Right-of-way
GR	- Guardrail	SC	- Seal Coat
HOV	- High Occupancy Vehicle	RARF	- Regional Area Road Fund
HWY	- Highway	SWLK	- Sidewalk
HURF	- Highway User Revenue Fund	STR	- Structure
IR	- Indian Route	SGN	- Signs
JCT	- Junction	ST PARK	- State Park
LK	- Lake	TI	- Traffic Interchange
LN	- Line	UP	- Underpass
LT	- Lighting	VLY	- Valley
MGT	- Management	WB	- Westbound